

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Rod Walsh et al.

Group Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: December 21, 2001

For: METHOD TO IMPROVE PERCEIVED ACCESS SPEED TO DATA NETWORK  
CONTENT USING A MULTICAST CHANNEL AND LOCAL CACHE

74

JC978 U.S. PTO  
10/032116  
12/21/01

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1.  For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:
  
2.  For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
  
3.  Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No.       , filed  
\_\_\_\_\_.

4.  No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or

37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or

37 C.F.R. §1.97(b)(4), before the mailing date of a first office action after the filing of an RCE under §1.114.

The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4041. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
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Dated: 12/21/2001

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## FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:  
4208-4041Serial No.:  
TBAApplicant:  
Rod Walsh et al.Filing Date:  
December 21, 2001Group Art Unit:  
TBA

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
		6292490	9/18/01	Gratacap	370	412	1/14/98
		6246701	6/12/01	Slattery	370	503	1/14/98
		6195368	2/27/01	Gratacap	370	535	1/14/98
		6148082	11/14/00	Slattery	380	212	1/14/98
		6111896	8/29/00	Slattery	370	535	1/14/98
		6064676	5/16/00	Slattery	370	412	1/14/98
		5946326	8/31/99	Rinne	725	54	1/13/97

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
							<input type="checkbox"/> Yes <input type="checkbox"/> No
							<input type="checkbox"/> Yes <input type="checkbox"/> No
							<input type="checkbox"/> Yes <input type="checkbox"/> No
							<input type="checkbox"/> Yes <input type="checkbox"/> No
							<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, etc.)


Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
 Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to Applicant.